## Flying CAP FLIGHT MANAGEMENT

This regulation prescribes the responsibilities of all Civil Air Patrol (CAP) personnel as applicable to the control and management of CAP flying programs, aircraft, and aircrews. Federal Aviation Administration (FAA) requirements referred to in this regulation are minimum standards, and in some instances CAP has established higher standards than FAA minimums. The objective of this regulation is to encourage safety, promote effective and efficient management, establish standardization, and provide effective supervision for CAP flying activities. The practices, procedures, and standards prescribed in this regulation are mandatory. Suggestions for modification and improvement of the CAP flight management program should be forwarded through the chain of command to National Headquarters, CAP/DO.

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## Chapter 1

## **GENERAL INFORMATION**

- **1-1. Purpose and Scope.** This regulation prescribes national standardization for the CAP flight management program.
- **1-2. Responsibilities.** All commanders and members are responsible for strict enforcement and compliance with the provisions of this regulation as well as the management of risks associated with flight and mission accomplishment. More detail on risk management may be found in CAPR 55-1, *CAP Operational Mission Procedures*.
- **1-3. Supplements and/or Operating Instructions.** No supplements or operating instructions (OIs) to this regulation may be issued by any unit below wing level except the Congressional Squadron.
- **a.** Supplements or OIs must be consistent with the intent of national standardization of the CAP flight management program and cannot reduce the requirements of this regulation.
- **b.** Proposed supplements, OIs, or changes thereto, shall be submitted to National Headquarters, CAP/DO for approval prior to issuance. If this regulation revision affects a currently approved supplement or OI, the affected supplement or OI shall be updated and submitted for approval within 6 months after the effective date of this regulation.
- **c.** Wings operating hot air balloons in CAP flight activities shall publish flight management and operating procedures in a supplement to this regulation IAW paragraph 1-3.b. above.
- **1-4. USAF Assigned Missions.** The CAP, as the civilian auxiliary of the USAF, is authorized to perform certain assigned missions of the Air Force. These missions may either be reimbursable or nonreimbursable, depending upon the particular mission. Additionally, the CAP may be authorized by the USAF to provide services to other federal, state, local, and private agencies.

The Air Force determines which missions the CAP will perform as USAF missions on behalf of the Air Force and other agencies. USAF missions in CAP aircraft include all flights to, from, and in conjunction with the assigned mission. All CAP missions assigned by the Air Force, whether in sup-

port of the Air Force or other agencies, will be issued an Air Force mission number or symbol.

- **1-5. CAP Corporate Missions.** The CAP Corporation determines which missions the CAP will perform as CAP corporate missions. CAP corporate missions in CAP aircraft include all flights to, from, and in conjunction with the specified mission.
- **1-6. Explanation of Terms.** The following terms and acronyms used throughout this regulation are defined and explained as follows:
- **a. CAP Aircraft.** Any aircraft (either member owned/furnished or CAP corporate) used in a CAP flight activity.
- **b. CAP Corporate Aircraft.** Any aircraft owned by and registered to CAP and any aircraft under an exclusive lease to CAP.
- **c. CAP Pilot.** A CAP member holding an FAA pilot certificate who is authorized to operate CAP aircraft on CAP flight activities.
- **d. CAP Flight Activity.** Any flight activity authorized by this regulation performed by CAP aircraft.
- **e. USAF Assigned Reimbursable Mission.** Any CAP flight activity flown under an Air Force mission number and/or Air Force mission symbol for which Air Force reimbursement is provided.
- **f. USAF Assigned Nonreimbursable Mission.** Any CAP flight activity flown under an Air Force mission symbol for which Air Force reimbursement is not provided.
- **g. CAP Corporate Mission.** Any HQ CAP approved mission performed by CAP which is not an Air Force assigned mission
- **h. Official CAP Purpose.** The use of CAP aircraft for USAF assigned and/or CAP corporate missions.
- **i. Over-water Flights.** Any flight beyond gliding distance of land.
- **j. Personal Use.** Any use of CAP aircraft where the primary purpose is for personal benefit rather than for the benefit of CAP.

#### Chapter 2

#### **GENERAL OPERATING RULES**

- **2-1. General.** To ensure the safe and efficient conduct of CAP flight activities, it is necessary to establish certain general operating rules, policies, and procedures. The following apply to all CAP flight activities:
- **a.** CAP aircraft may be used only for an official CAP purpose.
- **b.** Smoking is prohibited on CAP aircraft at all times.
- **c.** Only CAP pilots (powered aircraft) or FAA certificated mechanics may start, taxi, or otherwise operate CAP aircraft in ground operations.
- **d.** All CAP corporate aircraft (except gliders) shall carry a functional fire extinguisher.
- e. Seat belts shall be worn by all occupants at all times.
- **f.** Shoulder harnesses shall be worn by all occupants whose seats are so equipped during takeoff, landing, and anytime the aircraft is operated within 1,000 feet of the surface.
- g. An FAA flight plan shall be filed, prior to takeoff for all cross-country flights of more than 50 nautical miles distance, except those flights where CAPFs 84, *Counternarcotics Mission Flight Plan/Briefing Form*, or 104, *Mission Flight Plan/Briefing Form--Mission Debriefing Form*, is required.
- **h.** No more than eight persons, including crew members, are permitted on any CAP aircraft.
- i. On aircraft used for over-water flights (except short durations such as takeoff, approach, and landing) each occupant will wear an individual flotation life vest. The aircraft will also contain inflatable rafts of sufficient number and size to accommodate all occupants and at least one pyrotechnic signaling device.
- **j.** "Hand propped" starts shall be accomplished only with a qualified CAP pilot (powered aircraft) or FAA certificated mechanic at the aircraft controls and with a qualified individual conducting the propping.
- **k.** Training or flight checks shall only be conducted in aircraft equipped with operable dual controls. Exceptions may be granted in writing by the wing or region commander to accomplish flight checks for a specifically identified member in a member-owned aircraft, provided the check pilot administering the flight check determines it can be safely accomplished.
- **1.** No charge may be made for any ground or flight training or flight checks accomplished in accordance with this regulation, except that designated pilot examiners may charge their customary fee when conducting a practical test for issuance of a FAA pilot certificate or rating.
- m. The limitations, procedures, performance data, etc., contained in the appropriate aircraft operating publications (Airplane Flight Manual, Pilot's Operating Handbook, Flight Handbook, Owner's Manual, Information Manual, checklists, etc.) shall be adhered to while operating CAP aircraft. All aircraft checklists will be in accordance with the appropriate FAA approved Pilot Operating Handbook, Aircraft Owners Manual or any

- other FAA approved checklists. Checklist use is mandatory in CAP aircraft.
- **n.** Individuals holding a FAA recreational pilot certificate are restricted from CAP flight activities.
- **2-2. Authorized Airfields.** Unless otherwise authorized, CAP aircraft may operate to and from the following:
- **a.** Civilian airports listed in the current FAA Airport/Facility Directory.
- **b.** Other civilian airfields for which prior written permission has been obtained from both the owner/operator and either the Executive Director, region commander, or wing commander depending on the level of aircraft assignment.
- c. USAF and Other Military Airfields. For official purposes only, CAP aircraft may be authorized to land at USAF and other military airfields, provided there are no adequate civil facilities within reasonable proximity of the requested military airfield. When on an Air Force-directed mission, advance permission must be obtained through the military organization being supported. For other official CAP purposes, landing requests must be obtained through the military organization being supported and the appropriate wing liaison office:
- (1) 45 days in advance for member-owned/furnished aircraft.
- (2) 5 working days in advance for CAP corporate aircraft unless other specific arrangements have been made with a particular military airfield.
- **2-3.** Required Airworthiness Certificate. Aircraft used on CAP flight activities must have a current FAA airworthiness certificate. Ultralight, aerolight, hang glider and similar aircraft, autogyros and gyrocopters, experimental, primary category, home-built, and single seat powered aircraft are not authorized for use on any CAP flight activity.
- **2-4. Prohibited Uses of CAP Aircraft.** The following uses of CAP aircraft are prohibited:
  - a. Personal use.
  - **b.** Acrobatic flight.
  - **c.** Parachuting activities.
- **d.** Any use requiring a FAA special flight permit (except ferry permits).
- **e.** Flying in air shows unless authorized in writing by the National Executive Director.
- **f.** Formation flying unless authorized in writing by the region commander or the Executive Director for National Headquarters (except low-level route surveys flown with a minimum of one-half mile spacing and wing commander approval).
- **g.** Dropping of objects unless such action is to prevent loss of life.
- **h.** Assistance to law enforcement officers, except as provided for in CAPR 55-1, *CAP Emergency Services/ Mission Procedures*.

- **i.** Instruction of cadet student pilots in float, ski, high performance or complex aircraft for the purpose of obtaining a private pilot certificate.
- **j.** Instruction of senior member student pilots (unless specifically authorized in writing by Executive Director). (Training for a glider rating is permitted.)
- ${\bf k.}$  Instruction by non-CAP member certificated flight instructors.
- **l.** Cadet student pilot solo flights without a functioning two-way radio (except gliders).
- **m.** Any activity for hire, lease, rent, profit or reward, except that CAP corporate aircraft may be furnished to CAP-USAF liaison offices under government contract.
- 2-5. Geographical Limits for Flights of CAP Aircraft. Authorization for flights beyond an immediately adjoining wing should be coordinated with the responsible wing and/or region commander. For all other CAP flight activities, CAP commanders may authorize flights as follows:
- **a.** Unit Commanders may authorize flights anywhere within their wing, and over-water flights up to 25 nautical miles from land (except in Alaska, Hawaii and Puerto Rico Wings where flights to adjacent islands may be authorized).
- **b.** Wing commanders may authorize flights anywhere within their region or to an immediately adjoining wing. Wing Commanders may authorize multi-engine aircraft to operate over water to a maximum of one-fourth of the aircraft's range at maximum cruise power provided it is equipped with at least two operational navigation systems.
- c. The National Commander, National Vice Commander, National Chief of Staff, Executive Director, region commanders, the National Director of Operations (HQ CAP/DO), and the Congressional Squadron Commander or his/her designee may authorize flights anywhere within the continental United States, Alaska, Hawaii, Puerto Rico, and international flights across US national boundaries. (International flights must be coordinated with HQ CAP/DO prior to the flight.) (Authority is delegated to the Alaska and Puerto Rico Wing Commanders and Pacific Region Commander for adjacent boundaries.)
- **2-6. Authorized Passengers.** The following individuals are authorized to fly aboard CAP aircraft:
- **a.** Current CAP cadet, senior, AFROTC affiliate and life members, subject to the following restrictions:
- (1) During USAF assigned or CAP corporate missions involving the performance of actual or training emergency services operations, CAP members must be at least 18 years of age and mission qualified (or in mission aircrew training status) to act as pilot, observer or scanner. Any senior/AFROTC CAP member may fly aboard CAP aircraft traveling directly to and from a mission base.
- (2) CAP cadets under 18 years of age may participate in CAP flight activities in the following categories:
- (a) Cadet orientation flights conducted in accordance with CAPM 50-16, CAP Cadet Training Pro-

- gram. CAP cadets 18 years of age or older **may not** fly on cadet orientation flights
  - (b) Directly to and from a mission base.
- (c) Other flights when approved by the unit commander and the PIC is cadet orientation pilot qualified.
- (3) CAP cadets up to 21 years of age may receive flight instruction from a CAP flight instructor leading to an airman certificate or rating, including authorized cadet solo flights and accomplishment of required practical test.
- **b.** FAA inspectors and FAA designated pilot examiners when conducting flight checks.
- **c.** FAA certified Air Traffic Control personnel when receiving CAP flight operations familiarization flights.
- **d.** Military personnel (active, reserve, and civil service) while performing official duties in conjunction with the CAP.
- **e.** AFROTC cadets who are participating in the CAP/AFROTC Flight Orientation Program.
  - f. CAP employees.
- **g.** An employee of a maintenance facility when the flight is required in conjunction with maintenance being accomplished by that facility.
- **h.** International Air Cadet Exchange (IACE) cadets and escorts in the United States participating in the IACE program (flight release IACE flights as a B-99).
- **i.** Any individual approved by a designated mission coordinator or unit commander when such action would contribute to saving a life.
  - **j.** Prospective buyers IAW paragraph 3-4d.
- **k.** All emergency services workers when required to support an actual emergency services mission.
- 1. Federal, state, county, and local government personnel on authorized training missions when required for accomplishment of operational mission assignments that would be performed on actual emergency services missions where ground training is not practical. Approval for this category of individual may be IAW approved MOU or paragraph m. below.
- m. Other individuals only with the prior approval of the National Headquarters. Requests for approval shall be forwarded through the responsible wing and region commanders for corporate missions. For permission to fly on an Air Force assigned mission, the request must originate with the wing commander, be coordinated through the wing liaison officer and CAP-USAF LR. Certain requests can be approved by the CAP-USAF LR; however, if HQ CAP-USAF approval is needed, the request must arrive at HQ CAP-USAF/XO 7 workdays prior to the flight.
- **n.** All non-CAP members eligible to ride aboard CAP aircraft must execute a CAP Form 9, *Release (for non-CAP Members*, prior to the flight. EXCEPTION: Military/ federal employees in the performance of their official duties are not required to execute a CAP Form 9.
- **o.** All passengers must receive a briefing consisting of at least the following items:
  - (1) Entry / Exit door operations
  - (2) Emergency exit / egress procedures
  - (3) Use of passenger restraint systems
  - (4) Location and use of on-board emergency equipment

- (5) No smoking policy
- (6) Other briefing items determined by the pilot
- **2-7. Aircraft Mishaps.** Any CAP pilot who is involved in an aircraft mishap while on a CAP flight activity shall not participate in any CAP flight activity pending the results of an investigation into the mishap. A CAPF 5, *CAP Pilot Checkout*, flight check is required prior to resuming participation in CAP flight activities if pilot proficiency is identified as a contributory cause to the mishap. Reinstatement must be approved by the wing (region) commander pending the results of the formal CAP mishap investigation. CAP pilots and commanders will follow CAPR 62-2, *Mishap Reporting and Investigation*, in the notification, reporting, and investigation of such mishaps.
- **2-8. Operations Monthly Activity Report.** Each wing and region shall report all aircraft flying time totals to HQ CAP/DO monthly. This report shall be prepared and submitted in accordance with instructions provided by HQ CAP/DO, and shall include all flying hours (both member-owned/furnished and corporate aircraft). The primary source document for the monthly activity report is the CAPF 99, *CAP Flight Release Log*; secondary source documents are CAPFs 84, 104 and 10, *Request, Authorization, and Report for Training/Evaluation Missions*. Corporate aircraft total times may also be obtained from aircraft tach/hobbs flight log sheets.
- **2-9. Pilot Records.** Unit commanders shall maintain a file or record on each active CAP pilot assigned to their unit. Pilot records need only be maintained at one location, except check pilot records will be duplicated at the wing stan/eval office. Records of wing assigned pilots should be maintained at the wing headquarters. All pilot records shall contain as applicable:
  - a. Copy of FAA pilot certificate
  - **b.** Copy of current FAA CFI certificate
  - **c.** Copy of current FAA medical certificate
  - d. Documentation of current biennial flight review
- **e.** Copies of all CAPFs 5 establishing aircraft qualification or currency
- f. A current copy of each completed aircraft questionnaire
- g. Proof of annual CAPF 5 written examination completion
- **h.** Copy of the most current CAPF 91, *CAP Mission Pilot Checkout*
- i. Signed Statement of Understanding (Attachment4)
- **j.** Copy of current designation as a cadet orientation pilot, check pilot, instructor pilot and mission check pilot
- **k.** Copy of a letter or certificate indicating successful completion of the National Check Pilot Standardization Course.
- **2-10. CAP Membership Cards and Uniforms.** All CAP members shall wear an appropriate CAP uniform

and carry a current CAP membership card when participating in CAP flight activities. When specified by the requesting agency and authorized by the wing commander, uniforms are not worn on designated counterdrug flights.

- **2-11.** Suspension of CAP Flying Privileges. Commanders have the responsibility for flying safety and compliance with this regulation.
- a. Commanders may direct the immediate suspension of CAP flying privileges of any CAP pilot under their command if, in the judgment of the commander, the pilot's flying is unsafe or the pilot has violated the provisions of this regulation. Such suspensions shall apply to all CAP flight activities (including passenger or crew member status), irrespective of location. Commanders exercising this authority shall notify the affected pilot in writing within 7 days of the date on which that pilot was suspended of the reason(s) this action was taken.
- **b.** Commanders will file a copy of the suspension with the region commander and all intermediate commanders within 14 days of the suspension. Included should be reasons and duration of the suspension. The region commander may approve or disapprove the suspension and if disapproved may reduce or increase the suspension as deemed appropriate. Copies of the region commander's final action on any suspension must be sent to the suspended pilot, the immediate commanders and HQ CAP/DO within 14 days of such action. The report shall set forth the reasons for and duration of the suspension.
- c. CAP members whose flying privileges are suspended may seek reconsideration by making written request for a review board within 14 days after being notified of the action of the region commander. The member shall provide copies of the request to all intermediate levels of command. The request must set forth a detailed statement enumerating all facts and circumstances offered to support reconsideration. The region commander shall appoint a review board consisting of one to three officers who are mission qualified pilots within 14 days of his or her receipt of the request and shall designate one as the chairperson. There is no requirement for a hearing, recorded testimony or application of the rules of evidence. The review board shall conduct its review and make its report and recommendation to the region commander within 21 days. Upon reconsideration, the region commander shall consider, but is not bound by, the recommendation of the review board. The region commander shall notify the CAP member and all intermediate levels of command of his or her decision. The decision of the region commander on reconsideration is final and is not subject to further review or appeal. A request for reconsideration will not interrupt the suspension. Suspensions under this provision shall not be subject to review by filing a complaint under CAPR 123-2.
- **d.** Commanders may require any CAP pilot under their command to complete a special flight check. The commander shall designate the CAP check pilot who will administer the flight check. Pending completion of a directed special flight check and action by the commander as provided in subparagraphs a., b., and c. of this section, the individual pilot will be suspended from all flight activities.

- **2-12. FAR Exemptions.** CAP has two exemptions granted by the FAA. An exemption to FAR 61.113 allows our pilots to obtain reimbursement as a private pilot and an exemption to FAR 91.501 which provides a tool for CAP to comply with specific FAR requirements regarding certain transportation flights. See Attachment 13 for details.
- **2-13. Aircraft Information File.** Each wing will establish a standard Aircraft Information File. This file will be onboard the aircraft during all flight operations. As a minimum it should contain:
  - a. An indexed table of contents
  - **b.** A flight log
  - c. Airworthiness status
  - d. Discrepancies
  - e. VOR checks
  - f. Weight and balance information
  - **g.** A channel index for CAP communication radios
  - **h.** Current copy of CAPR 60-1
  - i. Appropriate CAP forms

**j.** Mishap notification procedures

- **2-14. Flight Time and Duty Limitations.** Pilots will not exceed 10 hours flight time during a 14-hour crew duty day. The crew duty day begins when reporting for work or CAP duty (whichever occurred first) and ends upon engine shutdown at the completion of the flight activity. At least a 10-hour crew rest period should be provided between duty days.
- **2-15. Crosswind Limitation.** The maximum crosswind for operating CAP aircraft is that which is stated in the *POH* as the maximum demonstrated crosswind velocity.
- **2-16. Prohibited Equipment.** The use of night vision devices by CAP personnel in CAP aircraft is prohibited.
- **2-17. Emergency Procedures Training Restrictions.** Simulated emergency procedures will only be conducted during day, visual meteorological conditions. Unless initiated over a hard surface runway, with the intent to land, simulated forced landings will be discontinued prior to descending below 500 feet above the surface.

#### Chapter 3

## PILOT QUALIFICATIONS AND REQUIREMENTS

**3-1. General.** This chapter prescribes aircrew qualifications and requirements to fly CAP aircraft.

## 3-2. Pilot Qualifications.

- **a. CAP Cadet Solo Pilot.** The following basic requirements must be met to be qualified as a CAP cadet solo pilot in CAP aircraft:
- (1) Be an active CAP member at least 16 years of age (for balloon or glider be age 14 or older).
  - (2) Possess a valid FAA student pilot certificate.
- (3) Possess a valid, current medical certificate (not required for gliders or balloons).
- (4) Have received the required instruction from a FAA certificated flight instructor (CFI/CFIG) and received a solo endorsement IAW FARs from a CAP instructor pilot.
- **b. CAP Pilot.** The following basic requirements must be met to be qualified as a CAP pilot in CAP aircraft:
- (1) Be an active CAP member at least 17 years of age (16 years of age for CAP glider pilots).
- (2) Possess a valid FAA private, commercial or airline transport pilot certificate.
- (3) Possess a valid, current medical certificate (not required for gliders).
- (4) Satisfactorily complete a CAPF 5 flight check in an aircraft (in an appropriate group) within the preceding 12 months.
- (5) Complete an annual CAPF 5 written examination and annual aircraft questionnaires (Attachments 2 and 3) for each aircraft authorized to fly.
- **c. Instructor Pilot.** The following requirements must be met to be qualified as a CAP instructor pilot in CAP aircraft.
- (1) Possess a current FAA certificated flight instructor certificate.
- (2) Be CAP current and qualified in the aircraft type.
- (3) Be designated in writing by the Executive Director, region or wing commander.
- **d.** Check Pilot. The following requirements must be met to be designated as a CAP check pilot:
  - (1) Be an active CAP pilot at least 18 years of age.
- (2) Possess a valid FAA airline transport pilot certificate or commercial certificate with an instrument rating (Instrument rating not required for glider check pilot).
- (3) Possess a current FAA CFI certificate for the appropriate category of aircraft. (In unusual situations, a written waiver to the CFI requirement may be granted by the appropriate region commander.)
- (4) Satisfactorily complete the National Check Pilot Standardization Course (NCPSC) prior to initial appointment and every 2 years thereafter. (Satisfactory completion of the NCPSC constitutes completion of the classroom instruction and a check ride, with a CAP check pilot approved by the wing stan/eval officer. (Course length and check ride completion standards are stipulated by the cur-

- rent NCPSC.) (Successful completion of the NCPSC authorizes the graduate to wear the National Check Pilot Patch. The patch will be worn as an optional patch on the flight uniform.)
- (5) Be current and qualified in at least the aircraft group used for any flight check. Individuals who do not possess a current medical certificate and can not maintain currency in group may function as a CAP check pilot as long as they are approved in writing by the region/wing commander and can show prior currency in CAP aircraft within the group aircraft in which they will be administering check flights.
- **(6)** Be designated in writing as a check pilot by the Executive Director, region or wing commander.
- **e.** Cadet Orientation Pilot. The following requirements must be met to be designated as a cadet orientation pilot:
- (1) Be an active CAP pilot at least 21 years of age (or 18 years of age with a valid FAA CFI certificate).
- (2) Have a minimum of 200 hours (500 hours for AFROTC orientation flights) total pilot-in-command (PIC) time in the category and class of airplane to be used. Glider pilots must have at least 50 hours or 100 flights as PIC of a glider or be a current CFIG.
- (3) Satisfactorily demonstrate a thorough knowledge of the *Cadet Flight Orientation Program Syllabus* (CAPF 77) to a CAP check pilot and have the CAPF 5 flight check annotated as qualified to conduct cadet orientation flights.
- (4) Be designated in writing as a cadet orientation pilot in the applicable aircraft group(s) by the present Executive Director, region or wing commander.
- (5) Overseas cadet units may use military aero club aircraft and pilots to administer cadet orientation rides IAW CAPF 77. Military aero club pilots will comply with paragraph 3-2.e.(2) and be thoroughly familiar with the cadet orientation flight syllabus (CAPF 77).
- f. Search and Rescue/Disaster Relief Mission Pilot. Qualified IAW CAPR 50-15.
- **g. Mission Check Pilot.** The following requirements must be met to be qualified as a CAP mission check pilot in CAP aircraft.
- (1) Be a highly experienced and qualified mission pilot with a through knowledge of CAPR 50-15 and CAPR 55-1.
- (2) Have a minimum of 25 mission sorties as PIC and satisfactorily complete a CAPF 91, *CAP Mission Pilot Checkout*, IAW paragraph 3-9.a. of this regulation. This check is valid for 24 months through the end of the month in which it was taken.
- (3) Be designated in writing by the Executive Director, region or wing commander.
- **3-3. Pilot Aircraft Qualification Requirements.** The following qualification requirements must be met to operate the indicated aircraft as PIC on CAP flight activities. Cer-

tificate and flight experience requirements do not apply to student pilots under the supervision of a CAP instructor.

- a. Single Engine. For single-engine aircraft:
- (1) Possess a valid FAA private, commercial or airline transport pilot certificate including an airplane category and single-engine class rating.
- (2) For aircraft with conventional (tail wheel) landing gear, have a minimum of 25 hours PIC (50 hours for DHC-2) time and 50 takeoffs and landings in tail wheel aircraft.
- (3) For high-performance aircraft (per FAR Part 61), have a minimum of 100 hours total PIC time, of which at least 10 hours PIC time and 25 takeoffs and landings must be in high-performance aircraft.
- (4) For complex aircraft (per FAR Part 61), have a minimum of 100 hours total PIC time, of which at least 10 hours PIC time and 25 takeoffs and landings must be in complex aircraft.
  - **b.** Multi-Engine. For multi-engine aircraft:
- (1) Possess a valid FAA private, commercial or airline transport pilot certificate including an airplane category and multi-engine class rating.
  - (2) Have a minimum of 250 hours total PIC time.
- (3) Have at least 50 hours PIC time and 50 takeoffs and landings in multi-engine aircraft.
  - c. Gliders. For gliders:
- (1) Possess a valid FAA private or commercial certificate with a glider rating.
- (2) Be authorized for the launch method (aero tow or ground tow) used.
- (3) Have a minimum of 5 total PIC hours or 10 flights as PIC in gliders.
  - **d. Balloons.** See paragraph 1-3.c. of this regulation.

## 3-4. Pilot-in-Command Requirements.

- **a. General.** Individuals must meet the following general requirements to be PIC of any CAP aircraft. Additional requirements are applicable to check pilots, USAF assigned missions, emergency services operations and flights carrying cadet passengers.
- (1) Be an active CAP pilot, CAP cadet solo pilot or a CAP glider student pilot under the supervision of a CAP glider instructor pilot.
- (2) To carry passengers be an active CAP pilot at least 18 years of age and possess a valid FAA private, commercial or airline transport pilot certificate.
- (3) Meet all applicable FAR requirements for the flight to be conducted.
- **(4)** Have on file a signed copy of the Statement of Understanding dated 1 January 1992 or later (Attachment 4).
- **b.** Air Force Assigned Missions and Emergency Services Operations. In addition to the general requirements above, individuals must meet the following to be PIC of CAP aircraft on USAF assigned reimbursable missions and during emergency services operations.
- (1) Be an active CAP pilot at least 18 years of age and possess a valid FAA private, commercial or airline transport pilot certificate.
- (2) Be a current and qualified SAR/DR, CD or transport mission pilot (or in formal training under CAPR

50-15, CAP Operational Missions, and possess at least a CAPF 101T, Civil Air Patrol Advanced Specialty Qualification Training Card, as a mission pilot trainee).

- c. Cadet Orientation Flights and Other Flights Carrying Cadets. In addition to the general requirements above, individuals must meet the following to be PIC of CAP aircraft on cadet orientation flights or other flights carrying cadets.
- (1) For CAP and AFROTC cadet orientation flights, meet the requirements for cadet orientation pilots specified in paragraph 3-2e.
- (2) For other flights of CAP cadets when approved by the unit commander. The pilot must be a current CAP cadet orientation pilot.
- (3) For transportation of CAP cadets directly to and from a USAF assigned reimbursable mission, be a current and qualified SAR/DR or transport mission pilot.
- **d. Prospective Buyer.** When approved by HQ CAP/DO, a non-CAP member pilot who is a prospective buyer may fly as a passenger on CAP corporate aircraft for the purposes of aircraft evaluation.
- CAP Form 5 Flight Checks. All CAP pilots, 3-5. except CAP cadet student pilots or CAP glider student pilots under the supervision of a CAP instructor, must satisfactorily complete required CAPF 5 flight checks. The minimum level of proficiency acceptable is that contained in the current FAA Pilot Practical Test Standards for the certificate held. For CAP instructor/check pilots, the minimum level of proficiency acceptable is that contained in the current FAA Flight Instructor and Commercial Pilot Practical Test Standards. CAPF 5 flight checks shall be administered and accomplished in accordance with the guidelines contained in Attachment 5. Whenever possible, the check pilot will not be the PIC. All CAP flight checks, except mission flight checks, are valid for 12 months, through the end of the month in which it was taken.
- **a.** An initial CAPF 5 flight check administered by a CAP check pilot must be satisfactorily completed prior to designation of a CAP member as a CAP pilot.
- **b.** All CAP pilots must complete an initial CAPF 5 flight check in each aircraft type flown.
- c. All CAP pilots must satisfactorily complete an annual flight check administered by a CAP check pilot in each applicable aircraft group. A flight check administered by a FAA inspector, designated check airman, or designated pilot examiner is acceptable provided the individual administering the flight check completes and signs the CAPF 5 and the CAP specific items are verbally covered by an authorized CAP check pilot who also signs the CAPF 5. A flight check accomplished in an aircraft in groups 2, 3, or 4 of Table 3-1 also satisfies the requirement for all aircraft in group 1 in which the particular pilot has previously completed a CAPF 5 initial flight check. A flight check accomplished in an aircraft in group 4 of Table 3-1 also satisfies the requirement for all aircraft in groups 1, 2 and 3 in which the particular pilot has previously completed a CAPF 5 flight check.
- **d.** CAP check pilots must satisfactorily complete an annual CAPF 5 flight check administered by a FAA inspector, designated pilot examiner authorized to administer

- CFI flight checks, CAP check pilot designated by the national, region, or wing commander to administer check pilot flight checks, or in conjunction with the National Check Pilot Standardization Course in each applicable aircraft group.
- e. All CAP pilots who hold an instrument rating or ATP certificate and desire to exercise instrument privileges on CAP flight activities shall demonstrate instrument proficiency by satisfactory accomplishment of at least one partial panel unusual attitude recovery, one holding pattern, and one instrument approach from section XIV of CAPF 5. Additional items contained in section XIV may be required at the discretion of the check pilot administering the flight check. Pilots desiring to exercise instrument privileges in multi-engine aircraft shall demonstrate instrument proficiency in a multi-engine aircraft, including instrument approaches with one engine simulated inoperative.
- f. HQ CAP/DOV will publish an annual CAPF 5 written examination. The exam will be taken from current FAA material and this regulation. Minimum passing score is 80%. The pilot being evaluated should obtain and complete the test prior to the scheduled flight check date so the examination can be graded and presented at the time of the flight check. The CAPF 5 written examination shall be satisfactorily accomplished once per year by all CAP pilots as a part of their annual flight check. (The written examination is not required on subsequent CAPF 5 flight checks, such as an initial aircraft check, if it has been satisfactorily completed during the preceding 12 months.)
- **g.** An aircraft questionnaire (Attachments 2 and 3) for each aircraft a CAP pilot is authorized to fly will be accomplished annually in conjunction with the annual standardization flight evaluation and presented to the check pilot at the time of the check ride. Other evaluations require a completed aircraft questionnaire for the aircraft used during the evaluation.
- **h.** All CAPF 5 flight checks shall include a minimum of three (including soft and short field procedures) takeoffs and landings. If conditions are appropriate, at least one crosswind landing must be demonstrated. CAP pilots who operate amphibious, float or ski equipped aircraft must satisfactorily demonstrate water or ski operations, including a minimum of three water or ski takeoffs and landings.
- **3-6.** CAP Pilot Flight Training Leading to an Additional Airman Rating or Certificate. A senior member may receive flight instruction from CAP instructors in CAP aircraft as follows:
- **a.** CAP pilots who have been an active member of CAP for at least 1 year, are authorized to receive flight training leading to the addition of an instrument rating on an existing private or commercial pilot certificate when his training has been approved by the wing (or region) commander and is conducted in CAP corporate aircraft. (Use mission symbol C-1)
- **b.** CAP senior member mission pilots are authorized flight training leading to an instrument rating. (Use mission symbol B-99; this specific mission has been approved by HQ CAP-USAF and requires no further approval.)

- **c.** CAP senior member mission pilots are authorized flight training leading to an airman rating or certificate (instrument, commercial, certificated flight instructor or certificated flight instructor instrument). (Use mission symbol C-1).
- **d.** CAP senior members are authorized flight training in gliders by CAP CFIGs leading to a glider rating. This training must be approved in writing by the wing commander. This approval **does not allow** instruction of senior member student pilots in powered aircraft. (Use mission symbol C-1).
- **e.** Non-pilot CAP senior member airplane flight training is not authorized unless requested in writing and approved by the Executive Director.
- **3-7. Standardization and Evaluation Program.** The Stan/Eval Program is the commander's tool to validate the effectiveness of the CAP flying program, as it pertains to the CAP mission and individual pilot flying duties. The backbone of the Stan/Eval Program is the wing and squadron stan/eval officer, ensuring front-line compliance with program objectives and protection of CAP resources. A stan/eval officer must be a CAP check pilot. The stan/eval officer position description is as published in CAPM 20-1, *Organization of Civil Air Patrol*.
- **a. HQ CAP.** The director of operations sets the policy and serves as a guide for conducting the CAP Stan/Eval Program. The Headquarters chief of standardization and evaluation (HQ CAP/DOV) is the office of primary responsibility (OPR) for:
  - (1) Review and maintenance of CAPR 60-1.
- (2) Monitoring of HQ CAP programs to ensure policies and guidance set by HQ CAP are adequate.
  - (3) Publication of the annual CAPF 5 examination.
- **b. CAP Region/Wing.** The region/wing commander shall establish plans, policies and procedures necessary to conduct a region/wing Stan/Eval Program. The region/wing stan/eval officer will:
  - (1) Implement a Check Pilot Program.
- (2) Conduct evaluations of wing/squadron check pilots to identify program trends and on request report those trends to HQ CAP/DOV for overall trend analysis.
- (3) Appoint, with the wing commander's concurrence, a limited number of highly qualified check pilots to assist in the implementation of the Check Pilot Program.
- (4) Assist subordinate stan/eval officers in the implementation of Stan/Eval Programs.
- **3-8.** Proficiency Requirements for CAP Pilots. Pilots are encouraged to maintain currency and proficiency by accomplishing a self-conducted proficiency flight as described in Attachment 10 at least once every 90 days (C-1 mission symbol).

## 3-9. Requirements for CAP Mission Check Pilots and CAP Mission Pilots.

**a.** All mission check pilots must be CAP members and current and qualified SAR/DR mission pilots. To qualify as a mission check pilot, CAP SAR/DR pilots must have a minimum of 25 mission sorties (actual and/or training) and satisfactorily complete a CAPF 91, CAP Mission Pilot Checkout. This check ride shall be given by a mission check pilot authorized by the wing commander to administer mission check pilot

check rides. During the check ride, candidates will be required to demonstrate their ability to perform and evaluate all applicable areas of the CAPF 91 (may be concurrent with the biennial mission pilot check). Mission check pilots need not be FAA CFIs, but should be appointed based upon their knowledge of CAP mission pilot procedures, ability to determine qualifications of CAP mission pilots, and ability to properly administer mission pilot flight checks.

**b.** SAR/DR/CD mission pilots are authorized 4 hours of proficiency flight training per calendar month under AF assigned non-reimbursed mission status. These flights should be released using a B-12 mission symbol and flown IAW Attachment 10.

**c.** SAR/DR/CD mission pilots must accomplish a CAPF 91, *CAP Mission Pilot Checkout*, every 24 months, through the end of the month that the evaluation was taken.

## AIRCRAFT GROUPS

GROUP 1	GROUP 2			
Single engine, tricycle landing gear, 4 or less seats, 200 hp or less, fixed pitch propeller, fixed landing gear.	High performance, single engine tricycle landing gear; 5 or more seats, or more than 200 hp; or turbocharged engine, controllable pitch propeller, or retractable landing gear.			
GROUP 3	GROUP 4			
Single engine, conventional landing gear, 4 or less seats, 200 hp or less, fixed pitch propeller fixed landing gear.	High performance, single engine conventional landing gear; 5 or more seats, or more than 200 hp; or turbocharged engine, or controllable pitch propeller, or retractable landing gear.			
GROUP 5	GROUP 6			
All water capable airplanes (amphibious or floats).	All multi-engine airplanes.			
GROUP 7 All gliders.				

## **Table 3-1**

## **Notes:**

- 1. Groupings are applicable to all CAP aircraft (member owned or CAP corporate).
- 2. An aircraft falls within the highest group for which any of the criteria contained in a group applies.
- 3. For the purposes of CAPF 5 flight checks, aircraft on the same line below are considered equivalent (an initial flight check in any one of the aircraft on a line satisfies initial flight check requirements for all aircraft on the same line):

T-41 (145 hp, 180 hp fixed pitch), C-172 (145 hp, 150 hp, 160 hp, 180 hp fixed pitch)

T-41 (180 hp constant speed), C-172XP, C-172 (180 hp constant speed), C-175

T-41B (210 hp constant speed), C-182

C-150, C-152

C-R182, C-R172

C-205, C-206, C-207

PA28-140, PA28-160, PA28-161, PA28-180, PA28-181

PA28R-200, PA28R-201, PA28R-180

PA28-235, PA28-236

PA32-300, PA32-301, PA32-260

Kachina 2150, 2180

Mooney M20, M21

T-34A, T-34B

BE33, BE35

AA5, AA5A, AA5B

#### Chapter 4

## CORPORATE WING LIAISON OFFICER FLYING PROGRAM

- **4-1. General.** This chapter addresses corporate liaison officer (LO) flight operations and reimbursement procedures.
- **4-2. Membership Status.** CAP wing liaison officers are CAP members by virtue of their employment. Liaison officers will wear USAF uniforms, to include the appropriate USAF patches, when flying corporate aircraft in the line of duty.
- **4-3. Flight Operations.** LOs must satisfy the requirements of CAPR 60-1 and all Federal Aviation Regulations (FARs) to perform duties in CAP Aircraft.
- **a.** All LO flights IAW this regulation carry AF mission status and are limited to L1 missions only. CAP LOs are prohibited from flying Category A or B missions. This restriction does not prevent liaison officers from flying mission observation flights, as a non-crewmember, with CAP aircrews as part of their advice, liaison and oversight responsibilities.
- **b.** <u>HQ CAP/DO</u> will provide each LO with the required flight publications.
- **c.** Permanent loss of flying status (medical or otherwise) is cause for termination.
- **d.** LOs must have a commercial pilot's certificate with instrument, single-engine land ratings (multi-engine land required if the LO will be flying multi-engine aircraft) and a current Class II medical certificate.
- **e.** The LO may use the "PARD" aircraft call sign as assigned by the CAP-USAF/LR.
  - **f.** The LO may flight release his/her own flight.
- **g.** Newly assigned LOs will receive a formal aircraft checkout in the aircraft they will normally fly. An initial qualification training syllabus is available from HQ CAP/DOV.
- **h.** LOs **will**, as a minimum, maintain FAR passenger carrying currency (day and night) in all classes of aircraft in which they are qualified, and track completion of their FAR currency requirements using a personal logbook. LOs will furnish currency information to HQ CAP upon request.
- i. LOs will fly a minimum of 80 hours per fiscal year.
- **4-4. Reimbursement Procedures.** LO flying time will be reimbursed directly from HQ CAP/FMF to the

- appropriate CAP wing at the published Air Force reimbursement rate for corporate-owned aircraft.
- **a.** HQ CAP/DO in coordination with HQ CAP/FM will determine the total number of reimbursed hours allocated to each LO based on specific flying requirements.
- **b.** The LO **will not** fly aircraft under the CAP-USAF contract rental program.
- **c.** CAP-USAF regions may monitor the LO's flying program, however, funds management **will not** be a CAP-USAF LR function. LOs will be responsible for their individual funds management, subject to HQ CAP/DO oversight.
- **d.** The LO and wing commander(s) must sign an agreement, supplied by HQ CAP/DOV, ensuring each party is aware of their individual responsibilities. Each agreement will be given a number using the two-letter state abbreviation and the year it is signed. Example: AL 1996. A signed copy of the agreement will be sent to HQ CAP/DOV. The agreement will be valid as long as the signing wing commander holds his position. Initiate a new agreement with the assignment of a new wing commander or LO.
- e. A CAPF 16, will be used to request payment. Flight time will be recorded on the CAPF 16. Each flight activity will be assigned a call number in a numerical sequence, beginning with the state abbreviation, fiscal year and "01" (example: AL 96-01). When issuing the final call at the end of the fiscal year, insert the word FINAL after the call number. After each flight activity. the LO will complete the CAPF 16 and either mail or fax to HQ CAP/FMF. If mailed, send the original and two copies of the CAPF 16 to HQ CAP/FMF, 105 South Hansell Street, Maxwell AFB AL 36112-6332. CAP/FMF will process the CAPF 16 sending a copy of the form and payment to the wing, a copy of the paid CAPF 16 to the LO, and retain the original. If faxed, fax the CAPF 16 to 334-953-6777 (FMF). HQ CAP/FMF will process the faxed CAPF 16 sending a paid copy of the form and the payment to the wing, however, it will be the LO's responsibility to maintain the original CAPF 16 in the LO office for 7 years. The LO should choose either the mail or fax method, and will not use both methods at the same time as double payment may result.

## Chapter 5

## FLIGHT RELEASE OF CAP AIRCRAFT

**5-1. General.** A flight release is required for all CAP flight activities. **The pilot-in-command must obtain the flight release.** 

## 5-2. Flight Release on USAF Assigned Missions.

- **a.** For USAF assigned reimbursable missions specified in paragraph 1-4 of this directive, a designated CAP mission coordinator is considered a flight release officer (FRO) without written designation otherwise required by this chapter. CAP aircraft are released on such missions using CAPF 84 or 104 (as applicable). Flights from home station to the mission base will be released by a FRO in accordance with paragraph 5-2.b. of this directive. Flights from the mission base to home station may be released using either CAPFs 84; 99, *CAP Flight Authorization Log*; or 104 procedures. Mission coordinators and FROs are authorized to release the following assigned missions:
- (1) Search and rescue missions approved by the Air Force Rescue Coordination Center.
- (2) Missions flown under a mission number issued by the Air Force National Security Emergency Preparedness office.
- (3) All CD agency originated actual counterdrug flights and HQ CAP/DO approved CD training flights.
- (4) Other reimbursed missions not listed in this section if specifically approved by HQ CAP-USAF/XO.
- (5) Search and rescue/disaster relief evaluations, exercises and training missions which have been issued an Air Force mission number by HQ CAP-USAF/XO or the CAP-USAF liaison region. Flights in support of CAPR 60-2 inspections missions.
- (6) Air Force Reserve Officer Training Corps orientation flights.
- (7) (CAPFs 5 & 91 evaluations flown under an Air Force mission number. These flights may be part of a check ride clinic or a flight clinic.
- (8) or higher level official conferences or meetings and maintenance flights IAW current FARs or transport flights to maintenance facilities.
- (9) Flights flown for and funded by the American Red Cross.
- (10) Flights flown under a Federal Emergency Management Agency (FEMA) mission number and flown IAW the FEMA memorandum of understanding.
- (11) Flights flown under a National Oceanic and Atmospheric Administration (NOAA) and National Weather Service (NWS) mission number and flown IAW the NOAA and NWS memorandums of understanding.
- (12) Proficiency flight activities by qualified SAR/DR/CD mission pilots (not leading to an airman rating or certificate) conducted pursuant to guidelines published by HQ CAP-USAF in Attachment 11, Additional Proficiency Flying Training for SAR/DR/CD Mission Pilots.

- (13) Support to other federal or national relief agencies not listed under reimbursable categories, but conducted under an AF approved MOU.
- (14) Missions designated as Air Force assigned in an Air Force approved MOU which support state, county and local agencies.
- (15) Cadet orientation flights flown in accordance with CAPF 77.
- (16) Cadet flights including training, flight encampments/academies and cadet encampments.
- (17) 911T missions. These missions require wing commander, or his/her appointed representative, and wing liaison officer approval.
- (18) CAPFs 5 and 91 evaluations, National Check Pilot Standardization Course and flight clinics not flown under an Air Force mission number.
- (19) Other missions specifically approved by the Air Force. This mission has to be approved in advance by the Air Force. Many of these missions can be approved at the CAP-USAF region level and their approval should be sought first.

## 5-3. Flight Release on CAP Corporate Missions.

An FRO is authorized to issue a flight release for CAP corporate missions, when not otherwise designated as an USAF assigned mission, for the following categories of CAP flight activities (reference paragraph 1-5):

- (1) Proficiency flights not designated as an Air Force assigned mission.
- (2) Missions to support state, county and local agencies not designated as an Air Force assigned mission.
  - (3) Other CAP flying.
- **5-4. Flight Release Officer Qualifications.** Individuals designated as a FRO must meet the following minimum requirements:
- **a.** Possess a sound knowledge of the CAP flight management program and flight release procedures.
  - **b.** Satisfy one of the following criteria:
    - (1) Qualified mission coordinator, or
- (2) Unit commander of a unit with CAP flight activity, or
- (3) An experienced CAP pilot with a private or higher pilot certificate (need not be current).
- **c.** In unusual situations, HQ CAP/DO may authorize, in writing, a waiver of specific FRO qualification criteria for a designated individual.
- **5-5. Flight Release Officer Responsibilities and Procedures.** The FRO is responsible for authorizing a CAP pilot to fly as pilot-in-command in CAP aircraft on CAP flight activities. The FRO is expected to use his/her best efforts to verify appropriate information prior to giving a flight release, including reliance on information verbally provided by the CAP pilot requesting a flight

release. The FRO is not a dispatcher and is not responsible for the actual conduct of flight operations.

- **a.** FROs cannot release a flight on which they are the PIC, crew member, or passenger, with the following exceptions. The following are authorized to release flights on which they are the PIC, crew member, or passenger.
- (1) National Commander and national staff members specifically designated by the National Commander.
- (2) Region commanders and region staff members specifically designated by the region commander.
- (3) Wing commanders, wing liaison officers and National Headquarters staff.
- **b.** The FRO shall accomplish the flight release, using as a minimum, the information in Attachment 12 of this regulation.
- c. The FRO shall, by the 5th of each month, forward the original CAPF 99 to the wing DO for use in compiling data for submission of the required monthly CAPF 18. The FRO should also forward a copy of the previous month's CAPF 99 to his/her respective CAP/LO, to assist in the quality control of the wing's flying program.

# 5-6. Flight Release: Commanders' and Pilots' Responsibilities.

- **a. Unit Commanders.** All commanders with CAP flight activity in their units shall:
- (1) Appoint, in writing, sufficient individuals who meet FRO qualifications as designated FROs.

- (2) Ensure FROs are trained in their flight release responsibilities using as a minimum the CAP HQ provided FRO Training Program.
- (3) Publish a current list of FROs, including telephone numbers, and make this list available to all active CAP pilots within a reasonable geographic area.
- (4) Provide each FRO with a checklist to assist them in properly accomplishing their responsibilities. As a minimum, the checklist will contain the items in Attachment 12 of this regulation.
- (5) Provide an updated list of designated FROs to the appropriate CAP-USAF or CAP liaison office (region or wing) quarterly.
- **b. Individual CAP Pilots.** Individual CAP pilots shall:
- (1) Furnish documentation and information requested to establish and maintain their qualifications to fly CAP aircraft. This information shall be placed in the individual pilot record maintained for each CAP pilot at their unit of assignment.
- (2) Certify the eligibility of any proposed passenger to the FRO prior to obtaining a flight release.
- (3) Obtain a flight release from a FRO prior to conducting any CAP flight activity.
- (4) Report total flight time, in accordance with local procedures.



DAVID L. MILLER Chief, administration

PAUL J. ALBANO, SR. Colonel, CAP Executive Director

JAMES C. BOBICK Brigadier General, CAP National Commander

#### **Attachments:**

- 1. Mission Symbols
- 2. Airplane Questionnaire
- 3. Glider Questionnaire
- 4. Statement of Understanding
- 5. Administration of CAPF 5 Flight Checks
- 6. CAPF 5, CAP Pilot Flight Evaluation Airplane
- 7. CAPF 5G, CAP Pilot Flight Evaluation Glider
- 8. Administration of CAPF 91 Mission Flight Checks
- 9. CAPF 91, CAP Mission Pilot Checkout
- 10. Self-Conducted Proficiency Flight Guidelines
- 11. Additional Proficiency Flying Training for SAR/DR/CD Mission Pilots
- 12. Flight Release Officer Checklist
- 13. CAP Aircraft Operations Under FAR Exemptions
- 14. CAPF 99, CAP Flight Release

#### SUMMARY OF CHANGES

Incorporates National Executive Committee (NEC) mandates in addition to incorporating user recommendations.

1. Paragraph 1-3.b. - If the current revision affects the wing/region supplement or OI, the supplement or OI must be submitted to HQ CAP/DO for approval.

- 2. Paragraph 2-1.g. Ensures a cross-country flight plan is filed prior to takeoff.
- 3. Paragraph 2-1.i. Adds the requirement to carry at least one pyrotechnic devise on over-water flights.
- 4. Paragraph 2-1.m. Mandates the use of checklists that are in accordance with the appropriate FAA POH.
- 5. Paragraph 2-5.b. Allows wing commanders to authorize multi-engine aircraft to operate over water to a maximum of one-forth of the aircraft's range at maximum cruise power provided it is equipped with at least tow operational navigation systems.
- 6. Paragraph 2-6.a.(1) Rearranged paragraph wording for definition purposes.
- 7. Paragraph 2-6.a.(2)(c) Added cadet orientation qualification requirement to cadet flights approved by the unit commander.
- 8. Paragraph 2-6.a.(3) Allows cadets up to the age of 21 years old to receive flight training.
- 9. Paragraph 2-6.c. Changed wording to allow FAA certified ATC personnel to receive CAP flight ops orientations.
- 10. Paragraph 2-6.m. Adds the CAP-USAF region office as an approving authority for other passengers not specified in paragraph 2-6.
- 11. Paragraph 2-6.o. Defines a mandatory minimum passenger briefing.
- 12. Paragraph 2-7. Reinforces the policy that CAP pilots involved in an aircraft mishap on a CAP flight activity will not fly on any CAP flight activity pending an investigation.
- 13. Paragraph 2-9.f.g.h. Further defines pilot records contents. Deleted the requirement to have a CAPF 2a in the pilot records.
- 14. Paragraph 2-13. Added the requirement to establish and use a standard Aircraft Information File during aircraft operations.
- 15. Paragraph 2-14. Establishes flight time and duty limitations for CAP pilots.
- 16. Paragraph 2-15. Clarifies crosswind limitations for CAP aircraft.
- 17. Paragraph 3-2.b.(1) Clarifies CAP glider pilot age requirements.
- 18. Paragraph 3-2.d.(2) Clarifies CAP glider pilot check pilot requirements.
- 19. Paragraph 3-2.d.(3) Clarifies CAP check pilot certificate requirements.
- 20. Paragraph 3-2.d.(4) Allows course length and check ride completion standards to be stipulated in courseware.
- 21. Paragraph 3-2.d.(5) Allows CAP check pilots to function without a current medical certificate.
- 22. Paragraph 3-2.e.(2) Changes glider pilot hour requirements to become a cadet orientation pilot.
- 23. Paragraph 3-2.e.(5) Sets pilot requirements for overseas military aero club pilots administering cadet orientation flights.
- 24. Paragraph 3-2.g.(2) Adds mission check pilot minimum hour requirement, adds a mission check pilot proficiency flight check and clarifies check ride periodic requirement.
- 25. Paragraph 3-3.a.(4) Adds aircraft qualification requirements for complex aircraft.
- 26. Paragraph 3-4.a.(1) Clarifies PIC requirements for CAP cadet solo pilots and CAP glider student pilots.
- 27. Paragraph 3-4.c.(2) Adds CAP cadet orientation pilot qualification as a requirement to fly cadets on other flights as approved by the unit commander.
- 28. Paragraph 3-5. Adds CAP glider student pilots, changes FAA PTS proficiency level for check flights to the certificate held, corrects check pilot PTS proficiency level, clarifies PIC for flight checks, clarifies check ride periodic requirements and adds demonstration of crosswind landings during a flight check.
- 29. Paragraph 3-9. Adds minimum mission sorties and the satisfactory completion of a CAPF 91 demonstrating ability to perform and evaluate all applicable areas of the CAPF 91.
- 30. Paragraph 4-3.a. Clarifies LO flying status.
- 31. Paragraph 5-2. & 5-3. Changes mission symbols.
- 32. Paragraph 5-5.a.- Clarifies who can flight release themselves.
- 33. Attachment 1 Changed mission symbols.
- 34. Attachment 3 Added Glider Questionnaire
- 35. Attachment 6 & 7 Clarified Sections I and II completion.
- 36. Attachment 9 Safety awareness section added to the CAPF 91.
- 37. Attachment 13 Changed exemption information to reflect current FAA requirements.
- 38. Attachment 14 Added updated mission symbols.

## MISSION SYMBOLS

## **USAF Assigned Reimbursable Missions**

Mission Symbol	Description
A1	AFRCC SAR missions
A2	AFNSEP missions (NOTE 1)
A3	Counterdrug missions
A4	Missions specifically approved by the Air Force (i.e., low-level survey, courier, etc.)
A5	SAR/DR training/evaluation missions/CAPR 60-2 inspections (NOTE 2)
A6	AFROTC orientation flights including flights to and from the orientation site
A7	CAPFs 5 & 91 evaluation and National Check Pilot Standardization Course and flight clinics

## **Air Force Assigned Nonreimbursable Missions**

(May be reimbursed by agencies)

	B8	Squadron or higher official conferences or meetings, maintenance flights
	B9	Red Cross missions
	B10	FEMA missions
	B11	NOAA & NWS missions
	B12	Mission pilot proficiency flights and SAR/DR training IAW CAPR 50-15
	B13	Support to federal or national relief agencies with an Air Force approved MOU
	B14	Support to state, county and local agencies with an Air Force approved MOU
	B15	Cadet orientation flights IAW CAPF 77
	B16	Cadet flights: training, flight encampments/academies, cadet encampments, IACE
	B17	911T missions
	B18	CAPFs5 & 91 evaluation and NCPSC and flight clinics not flown under an AF mission number
	B99	Other missions specifically approved by the USAF (i.e., media, public official, etc.; all requests for approval will be
ı	J	sent to CAP-USAF region commander)

## **CAP Corporate Missions**

Mission Symbol	Description
C1 C2 C3	Proficiency and training flights not designated as an USAF assigned mission Support to state, county and local agencies not designated as an USAF assigned mission
$C_{C3}$	Other CAP flying

## Other

## L1 CAP & CAP-USAF liaison officer flying

NOTE 1: Does not include FEMA (B10) missions, Red Cross (B9) missions, or support to other federal or national relief agencies with an Air Force approved MOU (B13).

NOTE 2: CAPR 60-2 inspections are only authorized as an A5 mission if pre-approved in advance by the CAP-USAF Liaison Region.

# AIRPLANE QUESTIONNAIRE

Na	me	Grade	CAPSN	Unit	Date	
Ch	eck Pilot	Grade	CAPSN	Score	Type/Model Acft	
par		applicable, write in	NA. The check p	oilot will revie	ing Handbook. If a question w and grade the questionna	
IVII	illillulli passilig score is	3 80%. The completed	i questionnaire win	i be med in the	phot's flight fecolds.	
1.	Approved fuel grades	and colors are:				
	Location/capacity of e					
	Total usable fuel unde					
	Endurance at 75% po	•	•	eserve is	hours.	
	What make and grade			er		
	Oil capacity is				quarts.	
	Minimum oil pressure					
8.	Maximum oil tempera	ature is degree	ees (F or C)			
9.	Magnetos are checked				RPM on	
	either magneto or					
10.	Maximum RPM and I	MP for takeoff are	and	in/Hg.		
11.	Maximum gross taked					
	Useful load is	_		_		
	Baggage compartmen	_				
13.	Give the IAS at maxin					
	a. Va (maneuvering s					
	b. Vso (stall, landing			<del></del>		
	c. Vs1 (stall, cruise c					
	d. Vy (best rate of cli			<del></del>		
	e. Vx (best angle of o					
	f. Vmc (minimum co	introl speed - multi-en	gine only)			
1.4	g. Best glide speed	-4:/		<del></del>		
14.	Give the immediate a					
	a. Engine failure imm					_
	c. Engine fire in fligh	0				_
	d. Electrical fire in fli					_
15				o is	nd soft field takeoff flap setting	σ
15.	is	, snor	t field takeoff setting	g 13, a	nd soft field takeoff flap setting	5
16	Maximum demonstrat	ted takeoff/landing cro	osswind component	is kn	ots	
					runway is paved, level, and d	rv:
	aircraft is at maximum			,,		- ,
	Find: Total takeoff d		oot obstacle			
18.					nd dry; aircraft is at maximur	n
	landing weight.		,	. , , , , , , , , , , , , , , , , , , ,	•	
	Find: Total landing d	istance to clear a 50-f	oot obstacle	·		
19.		wind 1900 at 22 gustin	ng to 30 knots. Wil		demonstrated crosswind	

## | GLIDER QUESTIONNAIRE

Name	Grade	_ CAPSN	Unit	Date
Check Pilot	Grade	_ CAPSN	Score	Type/Model Acft
Complete this open-book question part of a question is not applicable with the examinee. All question lot's flight records.	le, write in NA	. Prior to the flig	the check pile	ot will review the questionnaire
1. List the airspeed for the follo	wing flight chai	racteristics and li		Duol
a. Best Glide Speed			<u>Solo</u>	<u>Dual</u>
b. Minimum Sink Speed				
c. Stall Speed (straight ahead	d)			
d. Stall Speed (30-degree ba				
e. Maximum Aero Tow Spee				
f. Maximum Auto/Winch To				
<ul><li>g. VNE (velocity not to exce</li><li>h. Va (maneuvering speed)</li></ul>	ea)(realine)			<del></del>
i. Pattern Speed				
ii i iiii speed			<del></del>	<del></del>
2. Give your immediate action f	or a rope or cab	ole break?		
<ul><li>a. Below 200 feet agl, above</li><li>b. Above 200 feet agl, above</li><li>c. Above 800 feet agl, above</li></ul>	e ground level:			
4. Define "ABCCCD":				
A B	_ C	C	C	D
5. Define "STALL" or "USTAL	L."			
U S	_ T	A	L	L
6. What is the maximum demon	strated takeoff/	landing crosswin	d component?	
7. List and explain the steps in s	spin recovery?			
8. What is the minimum front/si	ingle seat weigh	t?		
9. Maximum gross takeoff weig pounds.	ht is	pounds. Empt	y weight is	pounds. Useful load is

10. Complete a weight and balance problem using both your and your check pilot's weights.

## STATEMENT OF UNDERSTANDING 1 January 1992

Management, requirements. I understand that these know and comply with these changes. I also understagainst me under the provisions of CAPR 60-1 and	eet Federal Aviation Administration and CAPR 60-1, Flying, CAP Flight e directives are changed from time to time and it is my responsibility to stand that violation of these requirements may result in action being taken I CAPR 62-2, Safety, Mishap Reporting and Investigation. I understand CAP Insurance/Benefits Program, regarding liability for damage to CAP
Signature	Date

NOTE: A copy of this statement will be retained in the pilot's flight records.

## ADMINISTRATION OF CAP FORM 5 FLIGHT CHECKS

CAPR 60-1 requires specific actions and steps be taken for the successful completion of a CAPF 5 flight check. The following guidelines are provided to assist in the administration of CAPF 5 flight checks. Their purpose is to standardize the administration of flight checks throughout CAP, enable all check pilots and applicants to clearly understand what is expected of them during a flight check.

## 1. Advance Preparation. The applicant shall:

- **a.** Unless satisfactorily accomplished as part of CAPF 5 flight check within the preceding 12 months, complete the CAPF 5 written examination.
- (1) This examination is a take home, open book review of FAA and CAP flight procedures. The applicant is expected to refer to the applicable regulations and procedures in accomplishing this examination.
- (2) The completed and graded examination (80% minimum score required) is presented to the check pilot who will administer the remainder of the flight check. The flight check must be accomplished within 90 days of the date on which the written examination is completed. The examination may be taken on-line from the HQ CAP web page.
  - **b.** Obtain a blank CAPF 5 and complete the identifying information. A copy of Attachment 6 or 7 is acceptable.
- **c.** For an annual standardization flight evaluation, complete an airplane or glider questionnaire for all aircraft the CAP pilot is authorized to fly. Other evaluations require a completed aircraft questionnaire for the aircraft used during the flight evaluation.
  - **d.** Contact an authorized CAP check pilot to schedule the flight check.

## **2. Preflight.** At the time of the flight check:

## a. The applicant shall:

- (1) Obtain a flight release for the flight check from a designated flight release officer and inform the check pilot of the release (the applicant is pilot-in-command unless specific circumstances dictate the check pilot function as such for a portion or all of the flight). (If the check pilot is to function as the pilot-in-command, the check pilot will obtain the flight release.)
  - (2) Wear an appropriate CAP uniform.
  - (3) Present the following items to the check pilot:
- (a) Completed and graded CAPF 5 written examination or evidence that it has been satisfactorily accomplished within the preceding 12 months.
  - (b) Completed aircraft questionnaires in accordance with 1.c. above.
  - (c) Partially completed (identifying data) CAPF 5.
  - (d) Valid FAA pilot certificate and current FAA medical certificate.
  - (e) Current CAP membership card. (Exception: CAP LOs are not required to have a membership card.)
  - (f) Aircraft log books (or other evidence to verify the airworthiness status) for the airplane used for the flight check.

## **b.** The check pilot shall:

- (1) Verify an appropriate CAP uniform is worn by both the applicant and check pilot.
- (2) Obtain the following documents from the applicant:
- (a) A completed and graded CAPF 5 written examination, if applicable (see paragraph 3-5.f.).
- **(b)** CAPF 5 with identifying data entered.
- (c) Completed aircraft questionnaire(s).
- (d) Valid FAA pilot certificate and current FAA medical certificate.
- (e) Current CAP membership card. (Exception: CAP LOs are not required to have a membership card.)
- (2) Review the CAPF 5 written examination and discuss incorrect answers or obvious problem areas. For flight checks in a particular aircraft type, review the aircraft questionnaire and ensure the applicant has a thorough knowledge of the aircraft, it's operating limitations, procedures, performance, loading and systems.
- (3) Proceed with the flight check by accomplishing an oral review of those items on the CAPF 5 that cannot be accomplished in flight. The appropriate items shall be marked "V" to indicate verbal discussion.
- (4) Question the applicant on any material related to the flight check deemed necessary to determine the qualifications of the applicant.
  - (5) Verify the aircraft to be used is in an airworthy condition and that all required documents are in order.

#### 3. In-Flight Evaluation.

- **a.** The applicant is usually pilot-in-command unless specific circumstances require the check pilot to function as such for a portion of the fight. Any such conditions will be clearly discussed and agreed to prior to conducting the flight check. If circumstances require the check pilot to assume command of the aircraft during the flight check to prevent a dangerous situation, the flight check shall be considered unsatisfactory and immediately terminated.
- **b.** The check pilot will observe the applicant accomplish requested flight maneuvers and demonstrations in accordance with the criteria contained in the appropriate FAA Pilot Practical Test Standards without assistance from the check pilot. The check pilot may exercise some discretion in providing limited instruction to correct minor deficiencies observed, however, such activity will be restricted to a few minor items. Numerous deficient areas and unfavorable trends are evidence of substandard pilot proficiency and will be considered evidence of unsatisfactory performance.
- c. For applicants holding an instrument rating or ATP certificate and desiring to exercise instrument privileges on CAP flight activities, the check pilot will observe the applicant demonstrate instrument proficiency during at least partial panel unusual attitude recovery, holding patterns, and at least one instrument approach. Additional demonstrations can be required by the check pilot if considered necessary to demonstrate an acceptable level of instrument proficiency. (This minimum instrument proficiency demonstration is NOT intended to satisfy the requirements for an instrument competency check.) A FAA recognized flight check requiring a demonstration of instrument competency within 180 days preceding the CAPF 5 flight check may satisfy the requirement.

## 4. Post-Flight - Review and Documentation.

- **a.** The check pilot shall:
  - (1) Review the applicant's performance during the flight check and discuss any comments or suggestions.
- (2) Complete the appropriate entries on the CAPF 5. Any notations or limitations should be entered in the remarks section. Once the check pilot indicates the flight check is begun, a completed CAPF 5 is required.
- (3) Return the completed CAPF 5, aircraft questionnaire (if applicable), and written examination (if applicable) to the applicant for copying and distribution as necessary.
- **b.** If the flight check is unsatisfactory, the applicant shall be informed as to the specific unsatisfactory items. These items shall be noted on the CAPF 5. The check pilot shall return all documents to the applicant. The applicant should be reminded that he/she is required to accomplish the recheck with the same check pilot unless that check pilot agrees to another. Advise the applicant what is necessary to prepare for retaking the flight check and make any necessary arrangements for scheduling it. Ensure the respective wing standardization/evaluation officer and the appropriate wing commander are notified of the failure.
- c. Applicants who believe improprieties existed in the administration of their flight check should contact their unit commander to discuss the matter. If the unit commander agrees that a complaint is justified, the standardization/evaluation officer of the wing in which the flight check was given is provided the necessary details concerning the complaint. Any such situations shall be promptly investigated by the standardization/evaluation officer. A report to the unit commander relating the complaint will be provided within 10 days. The unit commander shall notify the applicant of the disposition of the complaint. The decision of the responsible wing standardization/evaluation officer regarding the proper conduct of a flight check is final.

## CAP PILOT FLIGHT EVALUATION - AIRPLANE

## DATE OF CHECK:

MEMBER'S NAME (print or type)	CAP MEMBER EXP I	DATE	CHARTER NO	AIRCRAFT		
TYPE CHECK: (Check all satisfactorily completed flight checks)						
	ctor/Check Pilot		ght Orientation	_Aircraft Checkout		
•	-Engine		strument	Other		
Annual StandardizationCadet	Orientation		AA BFR/AFR			
	INSTRU					
Sections I and II may be completed separately within a 30-day period before the flight check. All items for the appropriate type check must be com-						
eleted indicating S - Satisfactory, U – Unsatisfactory or V - Verbally. If a member can satisfactorily perform the more complex maneuvers, less complex						
maneuvers need not be accomplished at the discretion of the check pilot. Night orientation is for familiarization only and required only at the discretion						
of wing commanders or higher. Pilots are evaluate						
judgment, and mastery of the aircraft. Failure to r						
Tolerances specified in the appropriate FAA Practi						
als holding an instrument rating or ATP certificate		ate instrur	nent proficiency on a CAPF 5 flig	ht check or be restricted from		
exercising instrument privileges on CAP flight acti	vities.	ı				
I. ORAL DISCUSSION			INSTRUMENT REFERE	NCE MANEUVERS		
A. CAPF 5 Written Exam			Straight & Level Flight			
B. Review CAPR 60-1 & Supplement			Constant Airspeed Climbs			
C. Review Flight Release Procedure	S		Constant Airspeed Descent	S		
D. Review CAPF 9 Requirements			Turns To A Heading			
E. Local Procedures			Unusual Flight Attitudes			
II. PREFLIGHT PREPARATION			Radio Nav & Radar Service			
A. Certificates & Documents			FLIGHT AT CRITICAL	LY SLOW AIRSPEEDS		
B. Obtaining Weather Information			Full Stalls - Power Off			
C. Determine Weight & Balance			Full Stalls - Power On			
D. Determine Takeoff Performance		C. Maneuvering At Crit Slow Airspeed				
E. Determine Cruise Performance		D.	Constant Altitude Turns			
F. Determine Landing Performance						
G. Cross-country Flight Planning			GROUND REFERENCE	MANEUVERS		
H. Airplane Systems			Rectangular Course			
I. Aeromedical Facts Understanding			S - Turns Across A Road			
III. GROUND OPERATIONS			Turns Around A Point	TONG.		
A. Visual Inspection			GHT FLIGHT OPERAT	IONS		
B. Cockpit Management			Preparation & Equipment			
C. Starting Engines			Night Flight Procedures	T:1: -1-4		
D. Taxiing E. Pre-takeoff Check			Factors Essential To Night			
			Airplane & Airport Lightin MERGENCY PROCEDU			
F. Takeoff Briefing G. Post-flight Procedures			Emergency Approach & La			
IV. AIRPORT & TRAFFIC PATTER	N OPS		System & Equipment Malf			
A. Radio Comm & ATC Light Signal			POH Bold Face Knowledg			
B. Traffic Pattern Operations	13		Emergency Descent			
C. Airport & Runway Markings & Li	ohting		APPROACHES & LAND	INGS		
V. TAKEOFF & CLIMBS	5111115		Normal Approaches and La			
A. Normal Takeoff & Climb			X-wind Approaches and La			
B. Crosswind Takeoff & Climb			Forward Slips to Landing			
C. Short-field Takeoff & Climb			Go-around			
D. Soft-field Takeoff & Climb			Short-field Approach & La	nding		
VI. CROSS-COUNTRY FLYING	1		Soft-field Approach & Lan			
A. Pilotage & Dead Reckoning			SAFETY AWARENESS	<u> </u>		
B. Radio Navigation			Clearing Turns and Collision	on Avoidance		
C. Diversion			Vigilance and Risk Manage			
D. Lost Procedures			Fuel Management			

XIV. INSTRUM	ENT PROFICIE	CNCY	F. Dete	ermine Weight & Balance	
A. Ground Pre	p (WX, AC syste	ms, Flt Plan)	G. Nor	mal & Crosswind Takeoffs	
B. Air Traffic	Procedures		H. Nor	rmal Climbs	
C. Compliance	with ATC Clear	ances	I. Max	imum Performance Takeoff & C	limb
D. Holding Pro	ocedures		J. Fligh	nt at Critically Slow Airspeed	
E. Flight By Ro	eference to Instru	ments		ergency Procedures	
F. Recovery fro	om Unusual Attiti	udes	(1)	System & Equipment Malfunction	ons
G. Intercept &	Tracking (VOR	& NDB)	(2)	One-engine Operation	
H. Instrument	Approach Proced	ures	(3)	Engine Failure/Takeoff Below V	/MC
ILS/MLS A	pproach		(4)	Engine Failure/After Liftoff	
VOR/VOR	TAC Approach		(5)	Engine Failure/En Route	
NDB Appro	oach		(6)	Engine Out Maneuvering	
Circling Ap	proach		(7)	Approach & Landing	
Missed App	oroach		(8)	Minimum Controllable A/S Den	no
XV. MULTI-EN	GINE PROCED	URES	(9)	Instrument Flight Procedures	
A. Airplane Sy	stems and Operat	tion		(a) Single-engine Precision App	roach
	mum Equipment			(b) Single-engine Non-prec App	
	Takeoff Performa			(c) Single-engine Circling Mane	
	Cruise Performan			) Normal & Xwind Approach/La	
	anding Performa			) Go-around	
craft. I acknowled recurring requirem DATE	e read and underst ge any restriction tents, and compliant MEMBER'S NAM	tand all applicable as or training requir ance with applicabl E & GRADE (Print or	FAA, CAP, and statements stated above directives is my p	ate regulations pertaining to flying the regulations pertaining to flying the regulations are supported by the regulations of the regulations are regulations as a support of the regulations of the regula	ining currency,
Has den Has den Has den Has den Has den Lis not qu	nonstrated profici nonstrated profici nonstrated instrur	ency required to fluency required to be	y the indicated airc e a cadet orientation	raft.	
COMMENTS:					
DATE:	FLIGHT TIME:	EVALUATOR'S NAI	ME & CERT NO:	EVALUATOR'S SIGNATUR	E:
NAME & GRADE OF	UNIT OPERATIONS	S OFFICER:	SIGNATURE:		DATE:

CAP PILOT FLIC	GHI EVALUATION	- GLIDEK			DATE OF CHI	ECK:	
MEMBER'S NAME (p	orint or type)	CAP MEMBE	ER EXP DATE	CHARTER	NO	AIRCRAFT	
TVPE CHECK: (Chec	k all satisfactorily complete	d flight checks)					
Initial		Orientation	F	AA BFR/Al	FR		
Recurrency		al Standardiz		structor/Ch		_Other	
			NSTRUCTION				
Sections I and II may be	e completed separately with				tems for the appropri	iate type check	k must be com-
pleted indicating S - Sa	pleted indicating S - Satisfactory, U – Unsatisfactory or V - Verbally. If a member can satisfactorily perform the more complex maneuvers, less complex maneuvers need not be accomplished at the discretion of the check pilot. Pilots are evaluated on their ability to satisfactorily perform the tasks						
	ot be accomplished at the di procedures, smoothness, ju						
	an unsatisfactory evaluatio						
formance expected in g							· · · ·
I. ORAL DISCUS	SSION		V. G	ROUND L	AUNCH (AUT	O OR WIN	ICH)
A. CAPF 5 Wr	itten Exam			Visual Sig			
B. Review CA	PR 60-1 & Supplemen	nts	B.	Normal &	Crosswind Take	offs	
C. Review Flig	ght Release Procedures	S	C.	Ground La	unch Abnormal	Occurrence	ès
D. Review CAl	PF 9 Requirements		VI. I	N-FLIGHT	Γ MANEUVER:	S	
E. Local Proce	dures		A.	Straight G	lide		
II. PREFLIGHT	PREPARATION		B.	Turns to H	leadings		
A. Certificates	& Documents			Steep Turn			
B. Obtaining W	Veather Information				ing at Critical Sl	ow Airspee	d
	ments & Systems				gnition and Reco		
	Performance & Limitat	ions			ANCE AIRSP		· · · · · · · · · · · · · · · · · · ·
E. Flight Prepa	ration & Planning		A.	Minimum	Sink Airspeed		
F. Equipment				Speed-to-f			
G. Aeromedica	1 Factors				G TECHNIQUI	ES	· · · · · · · · · · · · · · · · · · ·
III. GROUND O	PERATIONS			Thermal S			
A. Assembly					Slope Soaring		
B. Visual Inspe	ection	<u>'</u>		Wave Soa			
C. Ground Han					HES AND LAN	DINGS	<u> </u>
D. Pre-takeoff	Check		A.	Traffic Par	ttern		
E. Post-flight l	Procedures		B.	Normal an	d Crosswind La	ndings	
F. Takeoff Bri				Slips to La			
IV. AEROTOW				Downwing			
A. Visual Signa					Off-airport Land	lings	
	crosswind Takeoffs				VARENESS		· · · · · · · · · · · · · · · · · · ·
C. Maintaining			A.	Clearing			
D. Slack Line I				Collision A	Avoidance		
E. Boxing the V				Checklist 1			
B. Tow Release					n Awareness		
					and Risk Manage	ement	
C. Aerotow Ab	normal Occurrences		BFR DA		_ FAA Pilot Certifi		
	l and understand all applica	ble FAA, CAP,	and state regulation	ns pertaining	to flying subject airc	raft. I acknow	ledge any restric-
	ements stated above. I also						
DATE	MEMBER'S NAME & G	RADE (Print or	Type)	MEMBI	ER'S SIGNATURE		
I certify that I have a	dministered a CAP fligh	t check as indi	cated and that the	e below nam	ned CAP member:		
	ed proficiency required t			Not qualifie	ed. Requires addit	tional training	g and recheck.
	ed proficiency required t	o be a cadet or	rientation pilot.				
COMMENTS:					T		
DATE:	FLIGHT TIME: EVA	LUATOR'S NA	ME & CERT NO:		EVALUATOR'S S	SIGNATURE:	
NAME & GRADE OF	UNIT OPERATIONS OFFI	ICER:	SIGNATURE:				DATE:

## ADMINISTRATION OF CAP FORM 91 MISSION FLIGHT CHECKS

CAPR 60-1 requires specific actions and steps to be taken to successfully complete a CAPF 91 mission flight check. The following guidelines assist in the administration of CAPF 91 flight checks. They standardize the administration of mission flight checks throughout CAP and enable all mission check pilots to understand what minimum items are expected of them in conducting a mission flight check.

## 1. **Preflight - Review and Preparation.** The mission check pilot shall:

- a. Verify an appropriate CAP uniform is worn by the applicant.
- **b.** Obtain the following documents from the applicant:
  - (1) Evidence of current CAPF 5 flight check valid for the aircraft used for the mission flight check.
  - (2) Evidence to show completion of initial mission pilot qualification training requirements (CAPF 101 or 101T).
  - (3) CAPF 91 with identifying data entered.
  - (4) Valid FAA pilot certificate and current FAA medical certificate.
  - (5) Current CAP membership card.
  - (6) If applicable, CAP radio operator's permit and/or FCC restricted radio telephone permit.
- c. Verify the aircraft to be used is in an airworthy condition and that all required documents are in order.
- **d.** Proceed with the mission flight check by accomplishing an oral review of those items on the CAPF 91 that cannot be accomplished in flight. The appropriate items shall be marked "V" to indicate satisfactory verbal discussion.
- **e.** Question the applicant on any material related to the mission flight check deemed necessary to determine the qualifications of the applicant.

## 2. Oral Review. The mission check pilot will conduct an oral review with the applicant covering at least the following items:

- a. Mission administrative procedures, including sign in of personnel and aircraft.
- **b.** Mission flight planning, including preparation of CAPF 104.
- c. Search patterns and procedures.
- **d.** Observer/scanner briefing and utilization.
- e. Use of the standardized chart grid system.
- **f.** Debriefing procedures.
- g. Procedures for completing and submitting CAPF 108.

## 3. Conducting the In-Flight Portion of the Mission Flight Check.

- **a.** The applicant is pilot-in-command unless specific circumstances require the mission check pilot to function as such for a portion of the flight. Any such conditions will be clearly discussed and agreed to prior to conducting the mission flight check. If circumstances require the mission check pilot to assume command of the aircraft during the mission flight check to prevent a dangerous situation, the mission flight check shall be considered unsatisfactory and immediately terminated.
- **b.** The mission check pilot shall observe and evaluate the applicant accomplish CAPF 91 mission flight maneuvers. All flight maneuvers shall be conducted using utmost consideration for safety, sound judgment and use of appropriate mission procedures.
- **c.** The mission flight check shall be conducted to evaluate the skills and proficiency of the applicant. While the mission check pilot may exercise discretion in providing limited instruction to correct minor deficiencies observed, such activity should be restricted to a few minor items. Numerous deficient areas and unfavorable trends are evidence of substandard pilot proficiency and should be considered evidence of unsatisfactory performance.

## 4. Post-Flight: Review and Documentation.

- a. The mission check pilot shall:
  - (1) Review the applicant's performance during the mission flight check and discuss any comments or suggestions.
- (2) Complete the appropriate entries on the CAPF 91. Any notations or limitations should be entered in the remarks section. Once the check pilot indicates the mission flight check is begun, a completed CAPF 91 is required.
  - (3) Return the completed CAPF 91 to the applicant for copying and distribution as necessary.
- **b.** If the mission flight check is unsatisfactory, the applicant shall be informed as to the specific unsatisfactory items. These items shall be noted on the CAPF 91. The mission check pilot shall return all documents to the applicant. The applicant should be reminded that he/she is required to accomplish the recheck with the same mission check pilot unless that mission check pilot agrees to another. Advise the applicant what is necessary to prepare for retaking the mission flight check and make any necessary arrangements for scheduling it. Advise the respective wing standardization/evaluation officer who will in turn advise the appropriate wing commander.

c. Applicants who believe improprieties existed in the administration of their mission flight check should contact their unit commander to discuss the matter. If the unit commander agrees that a complaint is justified, the standardization/evaluation officer of the wing in which the flight check was given is provided the necessary details concerning the complaint. Any such situations shall be promptly investigated by the standardization/evaluation officer. A report to the unit commander relating the complaint will be provided within 10 days. The unit commander shall notify the applicant of the disposition of the complaint. The decision of the responsible wing standardization/evaluation officer regarding the proper conduct of a flight check is final.

## CAP MISSION PILOT CHECKOUT

## DATE OF FLIGHT CHECK:

MEMBER'S NAME (print or type) CAPSN						FAA CERTIFICATE NO.	CHAPT	CHAPTER NO			
MEMBER'S ADDRESS (print or type)  LAST C				CAPF 5		DATE CAPF 101 ISSUED	CAP RO	OP NO (as req)			
I. ORAL DI	ISCUSSION										
		Passed (Initial on	ly)		VI. EM	ERGENCY PROCED	URES				
B. Mission I	Base Procedures					v Altitude Engine Failure					
(Sign In, Fl	ight Plans, Reimb l	Forms)			B. Dito	•					
C. Air-to-gr	ound Signals					ding on Unprepared Surfa	ce				
	Safety Principles					eriorating Weather					
	lio Procedures (as					SSION FLIGHT MAN	JELIVERS				
	al & Crew Equip					Steep Turns	TEC VERD				
G. Search P.		nent Grouning				ns About a Point					
	Chart Reading					ssage Drop Procedure (verl	oal)				
	GHT PLANN	ING				speed Control					
	ne Performance L					Speed Maneuvering					
	lission Briefing					Level Navigation (withou	t elec nav aids	s)			
C. Gridded	Sectional				G. Jud						
D. Observer					VIII. SA	FETY AWARENESS					
E. Fuel Plan	ning & Reserve				A. Cl	earing and Collision Avo	oidance				
F. Ground T	Ceam Coordination	on			B. Vi	gilance					
III. VISUAL	SEARCH PA	TTERNS & PR	COC		C. Co	ockpit Resource Manage	ement				
A. Locate G	rid or Area (with	out electronic aids)				sk Management					
B. Establish	Search Altitudes	S				<u> </u>					
C. Parallel S	Search Procedure	S									
D. Creeping	Line Search Pro	cedures									
	ng Square Search										
	Ceam Coordination										
		CH PATT & PI									
		h & without elec. aid	ls)								
	Appropriate Sea	rch Altitudes									
C. VHF-DF											
D. Wing Nu											
	ild-fade) Proced			~							
		RAIN PROCE		S							
		without elec nav aids	s)								
	Search Altitude										
	Search Procedure Search Procedure										
	rossing Procedur										
	ications Procedu										
	drafts/Downdraft										
	n Wave Effect										
		ssion pilot flight check a	as indicate	d and that the	e above named	member:		<u>,                                    </u>			
Has demo	nstrated proficienc	y required to fly as a	mission	pilot, see ro	everse for ap	plicable comments.					
Has demo	nstrated proficienc	y required to fly as a	mission	check pilot	; see reverse	for applicable comments.					
Is not qua		ditional training and	recheck.	See revers	e for comme	nts.					
DATE	FLIGHT TIME	EVALUATOR'S N	NAME &	GRADE		EVALUATOR'S SI	GNATURE				
NAME & GRAD	DE OF UNIT OPER	ATIONS OFFICER		SIGNATI	URE		DATE:				
							CONCUR	NON CONCUR			

## SELF-CONDUCTED PROFICIENCY FLIGHT GUIDELINES

This attachment provides a recommended self-conducted proficiency flight profile that may be used to improve pilot confidence and currency in a particular. It is recommended that the procedures outlined below be accomplished at least once each 90 days to maintain pilot proficiency.

#### 1. Preflight.

- **a.** Obtain a flight release from a designated flight release officer.
- **b.** Review the AFM/POH, including limitations, operating procedures (normal, abnormal and emergency), loading, performance, etc.
  - **c.** Accomplish the aircraft preflight inspection.

#### 2. Flight Profile.

- a. Accomplish normal taxi, takeoff and departure to the local practice area.
- **b.** Upon reaching the practice area and at an altitude of at least 3,000 feet AGL, conduct appropriate clearing turns. MAINTAIN CONSTANT VISUAL AWARENESS OUTSIDE THE COCKPIT THROUGHOUT ALL MANEUVERS
  - (1) Perform 720° steep bank turns (45-50° bank) in both directions while maintaining altitude within 100 feet.
- (2) Maintain altitude within 100 feet and heading within  $5^{\circ}$  while slowing to  $1.2~V_{S1}$ . Accomplish left and right turns of at least  $90^{\circ}$  duration while maintaining altitude within 100 feet. While maintaining heading within  $5^{\circ}$ , reduce power to idle and increase pitch attitude to maintain altitude until onset of stall warning. Recover straight ahead with minimum altitude loss and re-establish a speed of  $1.2~V_{S1}$ .
- (3) Extend flaps to approach position and reduce speed to onset of stall warning while maintaining altitude within 100 feet and heading within 5°. Increase power as necessary to maintain altitude. Accomplish left and right turns of at least 90° duration while maintaining altitude within 100 feet. Increase power to takeoff power while simultaneously increasing pitch attitude to simulate a go-around condition and begin a medium bank turn in either direction. Raise the nose until onset of stall warning. Recover straight ahead with minimum altitude loss and re-establish the speed used at the beginning of this maneuver.
- (4) Extend flaps to landing position, extend landing gear (if applicable), and reduce speed to onset of stall warning while maintaining altitude within 100 feet and heading within 5°. Increase power as necessary to maintain altitude. Accomplish left and right turns of at least 90° duration while maintaining altitude within 100 feet. While maintaining a constant heading within 5°, reduce power to normal approach power setting and begin a typical final approach descent. Increase pitch attitude until onset of stall warning. Accomplish a full recovery straight ahead, climbing to the altitude at which the maneuver was started.
- (5) Establish level flight, maintaining altitude within 100 feet and heading within  $5^{\circ}$  while reducing speed to 1.2  $V_{S1}$  with flaps and gear (if applicable) retracted. Without changing power, establish a  $30^{\circ}$  bank turn in either direction, and smoothly increase elevator back pressure until onset of stall warning. Recover straight ahead with minimum altitude loss.
  - **c.** Return to the airport to accomplish the following takeoff and landing exercises:
    - (1) Perform a normal landing, using full flaps, to a touch and go.
- (2) Perform a short field landing to a full stop, with a simulated 50-foot obstacle located at the runway threshold using the procedures recommended in the AFM/POH.
- (3) Taxi back to the departure end and perform a soft field takeoff using the procedures recommended in the AFM/POH.
  - (4) Perform a soft field landing to a full stop using the procedures recommended in the AFM/POH.
- (5) Taxi back to the departure end and perform a short field takeoff using the procedures recommended in the AFM/POH.
  - (6) Accomplish additional practice takeoffs and landings as desired.
  - (7) Perform a normal landing to a full stop.

## 3. Post Flight.

- a. Secure the aircraft in the hanger or tie down location (including fueling, cleaning windshield, etc.).
- b. Complete necessary flight time reports.
- c. Conduct a post-flight inspection of the aircraft.
- d. Review your performance!

## ADDITIONAL PROFICIENCY FLYING TRAINING FOR SAR/DR/CD MISSION PILOTS

The following syllabus guidelines provide procedures for "Proficiency Flight Training for SAR/DR/CD Mission Pilots."

This training is optional and is available for up to a maximum of **4 hours per calendar month per individual SAR/DR/CD mission pilot.** Proficiency Flight Training for SAR/DR/CD mission pilots **may not** lead to higher airman ratings or certificates. **These proficiency flights are Air Force-assigned nonreimbursed missions and should be released using mission symbol B-12 found in Attachment 1.** 

Select from the following list of procedures and maneuvers as appropriate:

1. Perform the self-conducted proficiency flight procedures as outlined above.

## 2. Cross Country Flying:

- a. Preparation of aeronautical charts, navigation log, and FAA flight plan.
- **b.** Filing, activating and closing flight plan.
- c. Mixture leaning procedures.
- d. Pilotage procedures.
- e. Dead reckoning and in-flight use of navigation log.
- f. Departure, en route and arrival radio communications procedures.
- g. Unfamiliar airport procedures:
  - (1) Controlled.
  - (2) Uncontrolled.
- **h.** Post-flight.

## 3. Night Flying:

- a. Night pre-flight.
- **b.** Use of taxi light.
- c. Taxi
- d. Take-off, departure, climbout.
- e. Local area orientation.
- f. Traffic patterns, approaches and full stop landings.
- g. Use of landing lights.
- **h.** Post flight.

## 4. Instrument Flying (Requires a Safety Pilot):

- a. Basic radio navigation.
  - (1) VOR position finding.
  - (2) VOR tracking.
  - (3) ADF homing.
- **b.** Basic instrument maneuvers.
  - (1) Straight and level and turning flight.
  - (2) Straight and turning constant airspeed climbs.
  - (3) Straight and turning constant airspeed descents.
  - (4) Level, climbing, and descending turns to headings.
- **c.** Advanced instrument maneuvers (if instrument rated).
  - (1) ILS approaches.
  - (2) VOR approaches.
  - (3) NDB approaches.
  - (4) Holding (intersection, terminal).

## FLIGHT RELEASE OFFICER CHECKLIST

<b>1.</b> 5-3	Verify that the purpose of the flight meets the applicable criteria set forth in CAPR 60-1, paragraph 5-2 or and that when and where available, CAP corporate aircraft are utilized.
2.	Verify name of the designated PIC (the PIC must obtain the flight release).
3.	Verify that all passengers meet the applicable criteria set forth in CAPR 60-1, paragraph 2-6.
4.	Assign the appropriate flight mission symbol as identified in CAPR 60-1, Attachment 1 or the CAPF 99.
5.	Complete applicable portions of CAPF 99.
6.	Verify the pilot and passengers are current members (or otherwise authorized to fly in CAP aircraft) and y current membership cards.
7.	Verify the pilot has a valid (original) FAA pilot certificate in his possession.
8.	Verify the pilot has a current medical certificate in his possession (not required for gliders and balloons).
<b>9.</b> fligh	Verify the pilot has a current CAPF 5 flight check valid for the type of aircraft being flown (except for at checks, in which the check pilot's name will be obtained).
	Verify the pilot is current and qualified in accordance with CAPR 60-1 and applicable FARs for the type of at conditions, aircraft and mission to be released.
11.	Verify a FAA flight plan has been filed <u>prior to</u> flights of more than 50 nm from the departure airport.
<b>12.</b> Cha	Remind the pilot to review the "I'M SAFE" card as mentioned in the Aeronautical Information Manual, pter 8, Medical Facts for Pilots. See Note 2.
13.	Record total flight hours reported by the pilot after the flight.
	: A flight release officer is not a dispatcher. They are expected to rely upon information provided verbally from and to use their best judgment considering weather, aircraft, and pilot in releasing flights.
NOTE 2	· The following are excernts from the AIM:

NOTE 2: The following are excerpts from the AIM

The "IM SAFE" card is a personal checklist that ensures the following statement is valid. I'm physically and mentally safe to fly; not being impaired by:

Stress. Stress from everyday living can impair pilot performance, often in very subtle ways.

Stress and fatigue (lack of adequate rest) can be an extremely hazardous combination.

Alcohol. Extensive research has provided a number of facts about hazards of alcohol consumption and flying. As little as one ounce of liquor, one bottle of beer or four ounces of wine can impair flying skills......

 ${f F}$  atigue. Fatigue and lack of adequate sleep continue to be some of the most treacherous hazards to flight safety, as it may not be apparent to a pilot until serious errors are made.

 ${f E}$ motion. The emotions of anger, depression, and anxiety ........... may lead to taking risks that border on self-destruction.

## CAP AIRCRAFT OPERATIONS UNDER FAR EXEMPTIONS

- **1. General:** The FAA in 1981 ruled that CAP aircraft operations are considered those of "civil aircraft" and <u>not</u> "public aircraft" and are therefore subject to the Federal Aviation Regulations (FARs).
- 2. The Public Aircraft Law: In 1994, Congress amended the Public Aircraft Law (P.L. 103-411) to bring aircraft operators under the FARs which primarily impacted state and federal aircraft which had previously operated outside of the FARs. This law did not affect CAP operations since CAP had been operating under the FARs in keeping with the FAA's 1981 determination.
- **3. FAA Exemptions for CAP Operations:** Since CAP operations are under the FARs CAP has obtained FAA exemptions in two areas:

## FAR Part 61 – Reimbursement of Private Pilots

- CAP's new FAA Exemption to FAR Part 61 allows CAP to resume reimbursement of private pilots flying Air Force assigned (Categories A and B) missions.
- Reimbursement for member-furnished aircraft is included.
- Per diem is allowed.
- Only reimbursement and per diem provided for in CAP Regulation 173-3, *Payment for Civil Air Patrol Support*, are allowed, and only at the rates and in accordance with the procedures set forth in that regulation. Future rate changes will require FAA approval before implementation.
- The exemption became effective 28 May 98. It is not retroactive to flights conducted before that date.

## FAR Part 135 - Commercial Operating Rules

- CAP's "master exemption" allowing the organization to receive limited reimbursement for certain public service
  missions while operating under the General Operating and Flight Rules of FAR Part 91 instead of Part 135 is unaffected.
- That exemption still requires that CAP missions be flown by a commercial, instrument rated pilot with a current second-class medical certificate if:
  - -- CAP may seek reimbursement for the flight, and
  - -- the purpose of the flight is transportation of persons or property (from Point A to Point B), and
  - -- persons other than CAP members or government (federal, state or local) employees or officials are to be transported, or
  - -- property belonging to other than CAP, its members or a governmental entity is to be transported (i.e., Red Cross blood transport).

	CAP FLIGHT REL	UNIT: WING:	AF Reimbursable Missions: AFRCC SAR mission	A4 Missions specifically approved by the Air Force (i.e., low-level survey, courier, etc.)	nission/CAPR 60-2	inspections  A6 AFROTC orientation flights including flights to		Check Pilot Standardization Course and flight clinics	USAF Non-reimbursable Missions:	(May be reimbursed by another agency)	ial conferences or	meetings, maintenance flights	FEMA missions	B11 NOAA & NWS missions B12 Mission pilot proficiency flights	and SAR/DR training IAW CAPR 50-15	B13 Support to other rederation national relief agencies with an Air Force approved MOU	B14 Support to state, county and local agencies with an Air Force approved MOU	B15 Cadet orientation flights IAW CAPF 77	B16 Cadet Ilights: training, Ilight encamp- ments/academies, cadet encampments, IACE	B17 911T missions B18 CAPEs 5 & 91 evaluation and NCPSC and	nber	B99 Other flights specifically approved by the USAF (all requests for approval will be sent to	CAP-USAF region commander).	CAP Corporate Missions:	CI Proficiency and training flights not designed	as a USAF assigned mission	ounty and local agencies AF assigned mission	C3 Other CAP flying	Other: L1 CAP & CAP-USAF liaison officer flying
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OF			RELEASER NAME SIGNATURE		:																								

CAP Form 99, AUG 98
Forward a copy to the CAP/LO by the 5<sup>th</sup> of each month.

(CONTINUED ON REVERSE)